



**Professional Services Amendment  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.:** 18  
**AGENDA DATE:** Thu 10/21/2004  
**PAGE:** 1 of 2

**SUBJECT:** Authorize execution of an amendment to the professional services agreement with TURNER COLLIE & BRADEN, INC., Austin, TX for construction phase services and professional engineering services for the South Austin Regional Wastewater Treatment Plant Expansion and Improvements Project in the amount of \$73,118, for a total contract amount not to exceed \$30,050,193.

**AMOUNT & SOURCE OF FUNDING:** Funding in the amount of \$73,118 is available in the Fiscal Year 2000-2001 Amended Capital Budget of the Austin Water Utility.

**FISCAL NOTE:** A fiscal note is attached.

**REQUESTING** Public Works  
**DEPARTMEN** for Austin Water Utility;  
**T:**

**DIRECTOR'S**  
**AUTHORIZATION:** Sondra Creighton

**FOR MORE INFORMATION CONTACT:** Gary Jackson, 974-7115; Randy Pohren, P.E., 972-0223; Laura Bohl, 974-7064

**PRIOR COUNCIL ACTION:** 07/11/96 - Selection of Turner Collie & Braden, Inc. and funding authorization for Preliminary Engineering Services; 07/01/99 - Amend #2 for Design and Bidding Document Preparation; 12/14/00 - Amend #3 for Levee construction management; 02/15/01 - Amend #4 for Design Water Reuse; 10/23/01 - Amend #5 for Tunnel construction management; 05/09/02 - Amend #6 for Lift Station #1 construction management; 11/21/02 - Amend #7 for Construction Phase services.

**BOARD AND COMMISSION ACTION:** Recommended by the Water & Wastewater Commission.

**PURCHASING:** N/A

**MBE / WBE:** 9.1% MBE and 26.74% WBE subcontractor participation to date.

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The South Austin Regional (SAR) Wastewater Treatment Plant was placed into service in 1986. It is currently permitted for an average flow of 50 million gallons per day at advanced treatment levels. A 25 million gallon a day treatment capacity expansion of the plant is necessary to provide for projected flows in the plant's developing service area and to allow for the eventual retirement of the Govalle Wastewater Treatment Plant. Due to the type and condition of the Govalle plant, its operational costs are more than twice that of SAR. The SAR Wastewater Treatment Plant Expansion and Improvements Project consists of several projects needed to expand the plant, protect the site from flood, improve current operations, and other necessary improvements to support the expanded facility.

The electrical distribution project design was completed on Oct. 29, 2003 and the construction contract authorized on February 12, 2004. During the request for construction of approved and permitted power distribution to support the on-going construction, Austin Energy required additional scope and services prior to approving power distribution lines. These additional services include, but are not limited to, performing surveys and obtaining easements on Austin Water Utility property for power lines, performing a voltage dip analysis, and performing a harmonic (IEEE 519) analysis. This work must be complete prior to Austin Energy beginning the 2,400-feet of power distribution to deliver power to the adjoining plant.



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This amendment will authorize design phase services associated with the project and other necessary services such as necessary to complete the Austin Energy revised requirements.

ACTION	DESCRIPTION	AMOUNT
07/11/96	Professional Services Agreement- Preliminary Engineering Services	\$1,497,740.00
Admin	Amend #1 - Project Prioritization Phase	\$31,780.00
07/01/99	Amend #2 - Design & Bidding Documents Preparation	\$13,481,437.00
12/14/00	Amend #3 - Const. Phase & Eng. Services Levee Const. Management	\$1,070,917.00
02/15/01	Amend #4 - Design & Bidding Documents Preparation Water Reuse System	\$912,024.00
10/23/01	Amend #5 - Const. Phase Services Lift Station Interconnection Tunnel	\$537,108.00
05/09/02	Amend #6 - Const. Phase & Eng. Svs. Lift Station #1 & Bar screens	\$615,937.00
11/21/02	Amend #7 - Const. Phase & Eng Svs. Train C projects	\$11,830,132.00
Proposed	Amend #8 - Revised and additional Austin Energy requirements	\$73,118.00
	<b>\$30,050,193.00</b>	

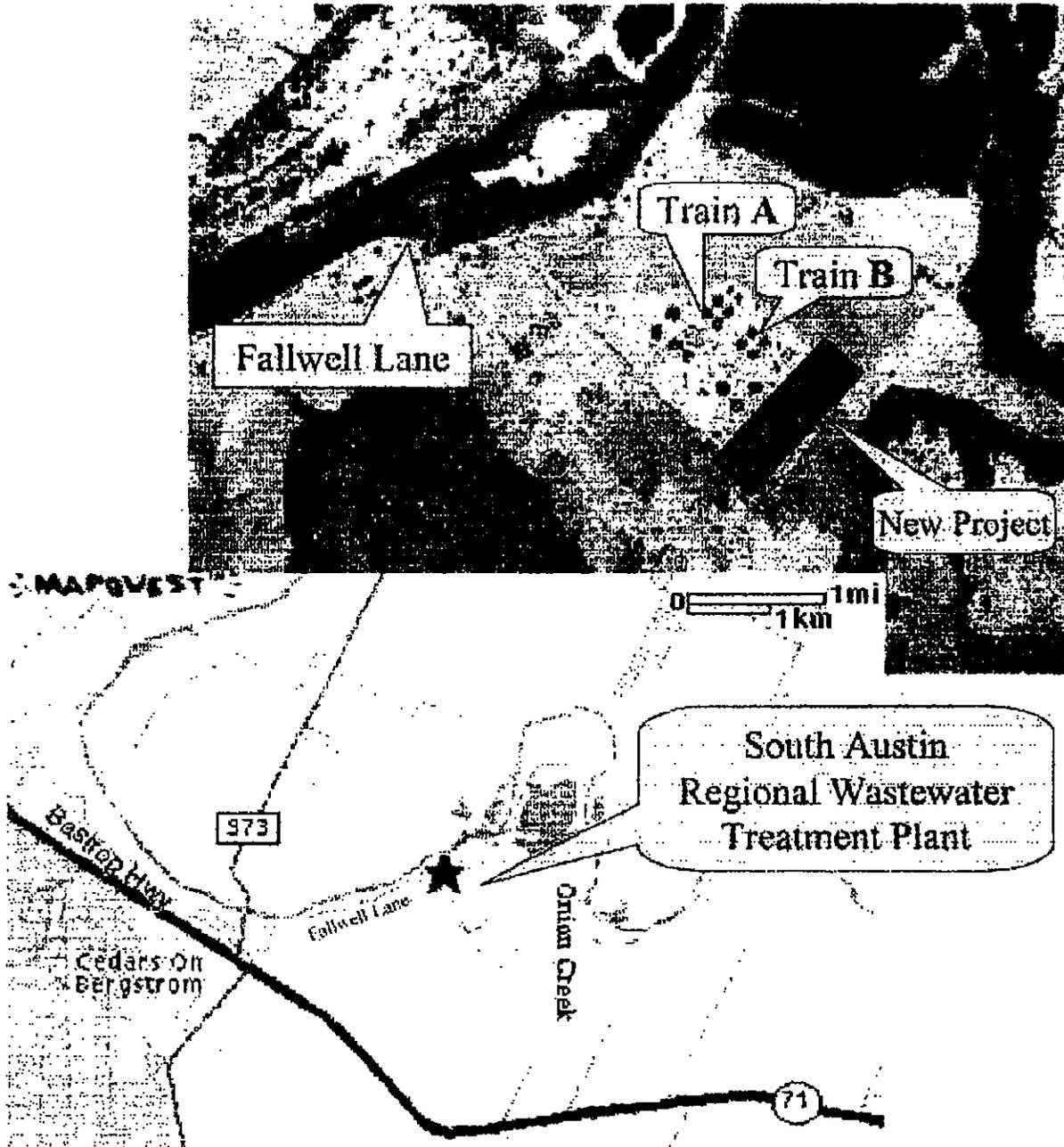
Subconsultant participation stated in the original agreement was 8.6% MBE and 18.2% WBE.  
Participation for this amendment:

<b>NON M/WBE TOTAL - PRIME</b>	<b>\$9,428.00</b>	<b>12.89%</b>
Turner Collie & Braden, Inc.	\$9,428.00	12.89%
<b>WBE TOTAL - SUBCONTRACTORS</b>	<b>\$55,890.00</b>	<b>76.44%</b>
(FR) Harutunian Engineering (Electrical)	\$55,890.00	76.44%
<b>NON M/WBE TOTAL - SUBCONTRACTORS</b>	<b>\$7,800.00</b>	<b>10.67%</b>
*Survey & Mapping, Inc. (Surveying)	\$7,800.00	10.67%

*\*Surveying & Mapping is an African-American firm that was certified under the City's Minority & Women Business Enterprise program when the original selection was made in July 1996. Since then, the firm has graduated from the program.*

Overall subconsultant participation, including this amendment: 9.10% MBE (1.45%MB; 6.87% MH, 0.78% NA), 26.74% WBE and 25.50% Non M/WBE.

# South Austin Regional Wastewater Treatment Plant



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13009 Fallwell Lane  
Del Valle, TX 78617

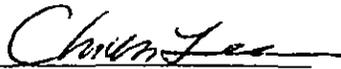
No.100604-B

**AUTHORIZE NEGOTIATION AND EXECUTION OF AN AMENDMENT TO THE PROFESSIONAL SERVICES AGREEMENT WITH TURNER COLLIE & BRADEN, INC. FOR CONSTRUCTION PHASE SERVICES AND PROFESSIONAL ENGINEERING SERVICES FOR THE SOUTH AUSTIN REGIONAL WASTEWATER TREATMENT PLANT EXPANSION AND IMPROVEMENTS PROJECT IN THE AMOUNT OF \$73,118 FOR A TOTAL CONTRACT AMOUNT NOT TO EXCEED \$30,050,193**  
**WATER AND WASTEWATER COMMISSION RESOLUTION**

**OCTOBER 6, 2004**  
**REGULAR MEETING**  
**VOTE: 5-0-0-4**

Motion made by: Warner  
Commissioners Consenting: Friese, Raun, Lee, Chan  
Commissioners Dissenting:  
Commissioners Abstaining:  
Commissioners Absent: Kirfman, Miller, Pool, Coleman

The Water and Wastewater Commission recommends the Council authorize negotiation and execution of an amendment to the professional services agreement with Turner Collie & Braden, Inc. for construction phase services and professional engineering services for the South Austin Regional Wastewater Treatment Plant Expansion and Improvements Project in the amount of \$73,118 for a total contract amount not to exceed \$30,050,193



Michael Warner Chairperson  
Water and Wastewater Commission

10-6-04  
Date

# CIP FISCAL NOTE

**DATE OF COUNCIL CONSIDERATION:**  
**WHERE ON AGENDA:**  
**DEPARTMENT:**

10/21/2004  
Resolution  
Austin Water Utility

**DESCRIPTION:**

Authorize execution of an amendment to the professional services agreement with TURNER COLLIE & BRADEN, INC., Austin, TX for construction phase services and professional engineering services for the South Austin Regional Wastewater Treatment Plant Expansion and Improvements Project in the amount of \$73,118, for a total contract amount not to exceed \$30,050,193.

**FINANCIAL INFORMATION:**

Parent Project Name: 1998 Wastewater Imps. Prop. 10  
Project Authorization: 2000-01 Amended Capital Budget  
Funding Source: 1998 Revenue Bonds  
Number: 4540 237 2021

Current Appropriation	\$ 106,417,000.00
Unencumbered Balance	18,462,734.80 *
Amount of This Action	<u>(73,118.00)</u>
Remaining Balance	<u>\$ 18,389,616.80</u>
Current Available Balance	\$ 18,733,377.80
Less Outstanding Commitments	<u>(270,643.00)</u>
Estimated Unencumbered Balance	<u>\$ 18,462,734.80 *</u>

Utility Finance: \_\_\_\_\_



David Anders, Utilities Finance Manager

Date: \_\_\_\_\_

9/28/04

REF. # 4540 237 8173